

Title (en)

FLUORESCENT MATERIAL, METHOD OF PRODUCING SAME, AND LIGHT EMITTING DEVICE

Title (de)

FLUORESZENTES MATERIAL, VERFAHREN ZUR HERSTELLUNG DAVON UND LICHEMITTIERENDE VORRICHTUNG

Title (fr)

MATÉRIAU FLUORESCENT, SON PROCÉDÉ DE PRODUCTION ET DISPOSITIF ÉLECTROLUMINESCENT

Publication

EP 3336157 B1 20190410 (EN)

Application

EP 17203356 A 20171123

Priority

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- JP 2017216572 A 20171109

Abstract (en)

[origin: EP3336157A1] Provided are a fluorescent material with excellent durability, which emits red light, a method of producing the same, and a light emitting device. The fluorescent material is a fluorescent material including a fluoride-containing fluorescent material core including Mn, at least one element selected from the group consisting of an alkali metal element and NH_4^+ , and at least one element selected from the group consisting of a Group 4 element and a Group 14 element in a composition thereof; and at least one of an aluminum hydroxide particle and a calcium hydroxide particle as disposed on the surface of the fluorescent material core.

IPC 8 full level

C09K 11/02 (2006.01); **C09K 11/61** (2006.01); **H01L 33/50** (2010.01)

CPC (source: EP US)

C09K 11/025 (2013.01 - EP US); **C09K 11/616** (2013.01 - EP US); **C09K 11/617** (2013.01 - EP US); **H01L 33/504** (2013.01 - US); **H01L 2933/0041** (2013.01 - US)

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